

## Product datasheet

# Anti-Fos B antibody [83B1138] ab11959

★★★★★ 3 Abreviews 9 References 3 图像

### 概述

产品名称	Anti-Fos B抗体[83B1138]
描述	小鼠单克隆抗体[83B1138] to Fos B
宿主	Mouse
经测试应用	适用于: Flow Cyt, IHC-Fr, WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	This antibody was raised against a synthetic peptide corresponding to human Fos B.
阳性对照	HeLa whole-cell extract.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	Affinity purified.
克隆	单克隆
克隆编号	83B1138
同种型	IgG1

### 应用

Our [Abpromise guarantee](#) covers the use of **ab11959** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		Use 1µg for 10 <sup>6</sup> cells. <a href="#">ab170190</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

应用	Ab评论	说明
IHC-Fr	★★★★★	1/500 - 1/5000.
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 46 kDa (predicted molecular weight: 40.6 kDa).

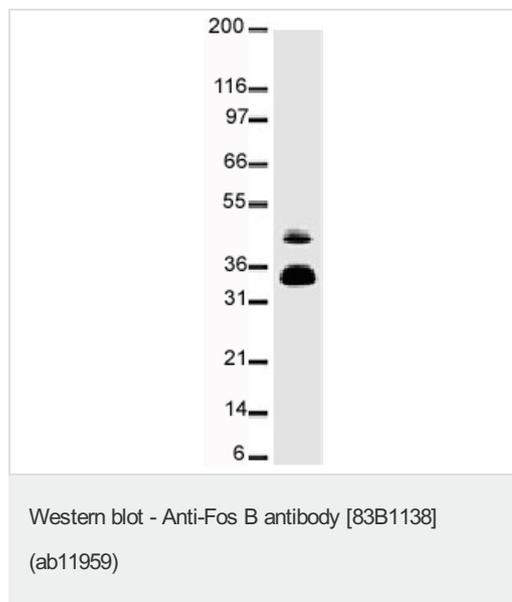
## 靶标

**功能** FosB interacts with Jun proteins enhancing their DNA binding activity.

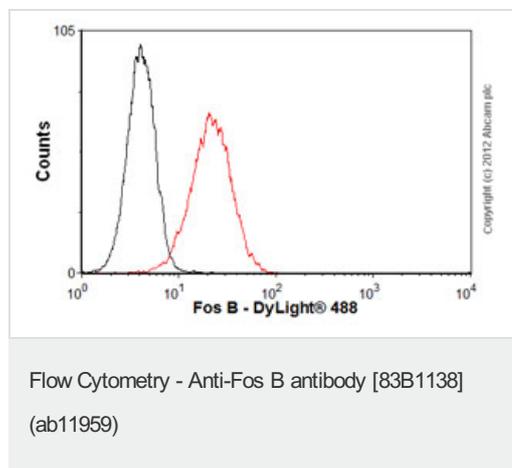
**序列相似性** Belongs to the bZIP family. Fos subfamily.  
Contains 1 bZIP domain.

**细胞定位** Nucleus.

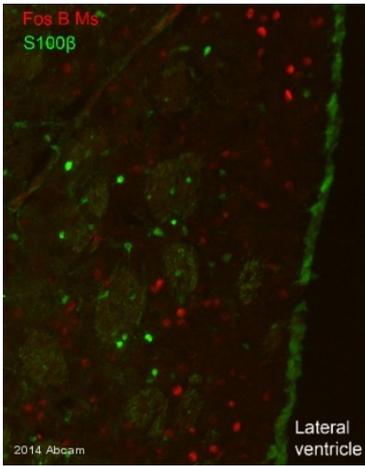
## 图片



ab11959 staining Human Fos B (upper band) in HeLa whole cell lysate by Western blot (ECL). The lower band is thought to be an isoform of FosB. ab11959 staining Human Fos B (upper band) in HeLa whole cell lysate by Western blot (ECL). The lower band is thought to be an isoform of FosB.



Overlay histogram showing HeLa cells stained with ab11959 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab11959, 1µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (ab96879) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (ab91353, 2µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed.



ab11959 Fos B antibody immunostaining (red) in mouse brain cortex showing the striatum. Tissue was fixed with paraformaldehyde, before incubation with the antibody (1/3000) for 18 hours at 25°C. A donkey anti-mouse Alexa Fluor® 568 conjugated secondary was used at 1/1000.

Immunohistochemistry (Frozen sections) - Anti-Fos

B antibody [83B1138] (ab11959)

Image courtesy of Dr. Karine Thibault, Université Paris Descartes, France

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